

MILITARY SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, FIBER OPTIC,  
 SINGLE TERMINUS, THREADED, RECEPTACLE,  
 LOW PROFILE PARALLEL PC MOUNT

This specification is approved for use by all Depart-  
 ments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist  
 of this specification sheet and the issue of the following specification  
 listed in that issue of the Department of Defense Index of Specifications  
 and Standards (DODISS) specified in the solicitation: MIL-C-83522.

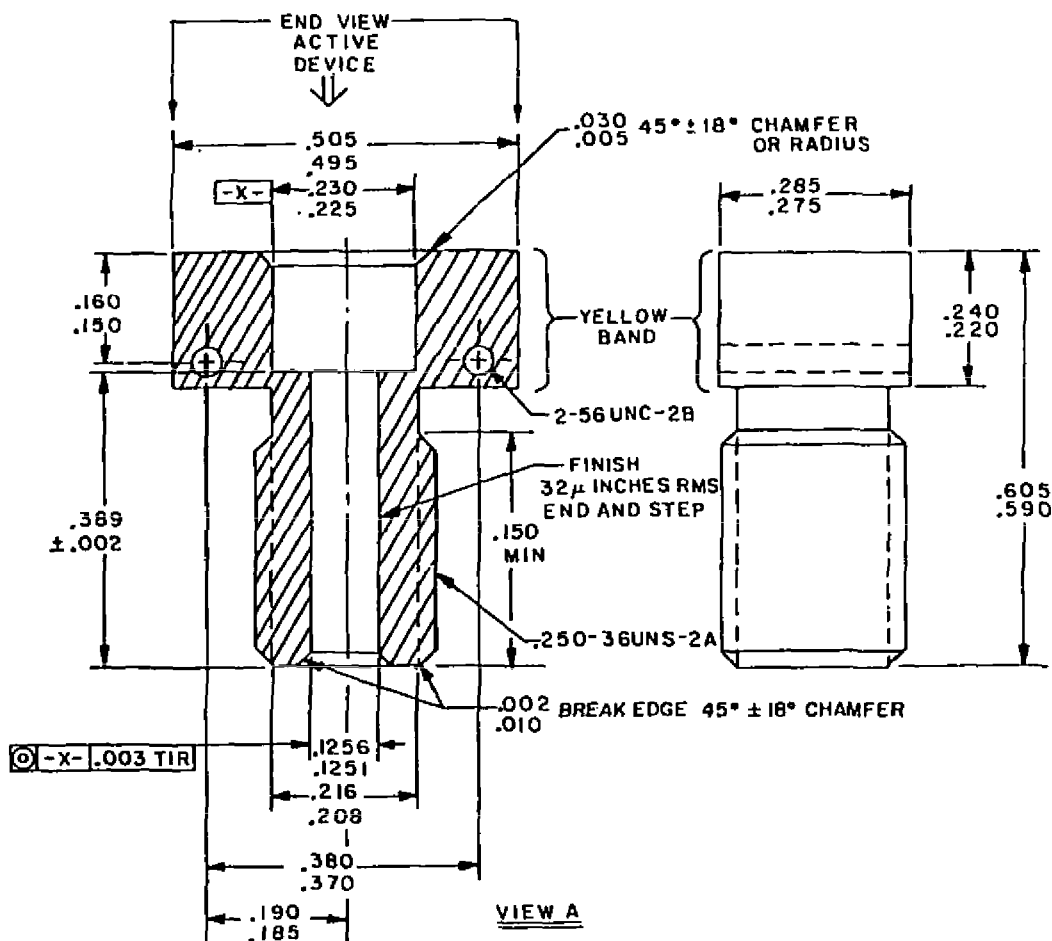
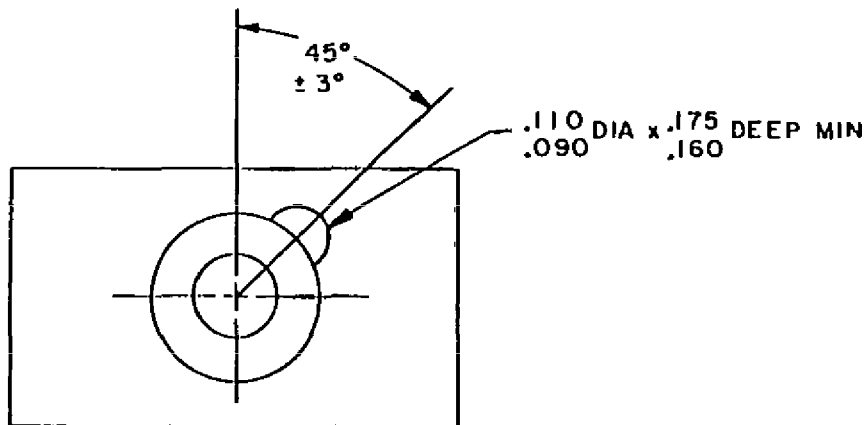


FIGURE 1. Dimensions and configuration.



**END VIEW**  
**ACTIVE DEVICE POLARIZATION**

Inches	mm	Inches	mm	Inches	mm
.002	0.05	.160	4.06	.256	6.50
.003	0.08	.175	4.44	.275	6.99
.005	0.13	.185	4.70	.285	7.24
.010	0.25	.190	4.83	.370	9.40
.030	0.76	.208	5.28	.380	9.65
.090	2.29	.216	5.49	.389	9.88
.110	2.79	.220	5.59	.459	12.57
.1251	3.178	.225	5.72	.505	12.83
.1256	3.190	.230	5.84	.590	14.99
.150	3.81	.240	6.10	.605	15.37
		.250	6.35		

**NOTES:**

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.

**FIGURE 1. Dimensions and configuration - Continued.**

MIL-C-83522/4E

REQUIREMENTS:

Metals: The receptacle housing and other metal components shall be of corrosion resistant steel per QQ-S-763, class 303 or nickel plated brass per QQ-B-626.

Weight: 5 grams maximum.

Safety wire holes: Not required.

Force to engage and disengage:

Longitudinal force: 12 pounds maximum.

Torque: 4 inch-pounds maximum.

Coupling proof torque: Not applicable.

Coupling mechanism retention force: Not applicable.

Ozone exposure: Not applicable.

Part or Identifying Number: M83522/4-01.

Receptacle accessories: 2 screws, 1 dustcover, TO can alignment sleeve(s), and one dust cover.

NOTES: The receptacle mates with MIL-C-83522/1 plug, MIL-C-83522/2 plug, and MIL-C-83522/6 plug.

The receptacle accepts TO can sizes 18, 46 and 52.

Revision letters are not used to denote changes due to the extensiveness of the changes.

CONCLUDING MATERIAL

Custodians:

Army - CR  
Navy - EC  
Air Force - 85  
NASA - NA

Preparing activity:  
Air Force - 85

Agent:  
DLA - ES

Review activities:

Navy - SH  
Air Force - 11, 17, 19, 80, 90, 99  
DLA - ES

(Project 6060-0073-4)

User activities:

Navy - AS, MC, OS  
Air Force - 13, 14